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New landing date for Discovery is Nov. 7

◆ **Shuttle Update:** Mission STS-120 has been extended one day to allow time for inspection of the Solar Alpha Rotary Joint, with landing of **Discovery** now scheduled for 5:11 a.m. Nov. 7.

In OPF bay 1, the **Atlantis** weight and center of gravity determination is complete, along with orbiter system functional tests. The vehicle has been powered down for rollover at 7 a.m. on Sunday.

A final thermal blanket inspection was performed on the orbital maneuvering system pods on Monday.

In high bay 3 of the Vehicle Assembly Building, mate closeout work continues on the STS-122 external fuel tank and solid rocket boosters.

In OPF bay 2, **Endeavour's** windows No. 1 through No. 6 have been removed and replaced. Hydraulic system No. 3 leak check is complete. Work is under way to configure the payload bay for the STS-123 cargo.

◆ **NASA Sets Briefings To Preview Next Space Shuttle Mission, STS-122** — NASA will discuss the next

Did You Know? The carved jack-o'-lantern dates back to medieval Ireland. Its legend involves an Irishman named Jack who was too stingy to go to heaven and too mischievous to go to hell. Jack had to wander the Earth until Judgment Day with a lantern made from a hollowed-out turnip with a live coal inside. Children started making these lanterns on Halloween, and in the New World they switched from turnips to pumpkins.

space shuttle mission during a daylong series of media briefings from the Johnson Space Center beginning at 9 a.m. Nov. 9. Space shuttle **Atlantis'** 11-day mission, designated STS-122, is targeted for launch Dec. 6. The mission will deliver the European Space Agency's Columbus Laboratory to the International Space Station.

The schedule of briefings on NASA TV is as follows (all times are EST):

9 a.m. -- Space Shuttle and Space Station Program Overview.

10 a.m. -- International Space Station Briefing to preview Expedition 16 spacewalks.

11 a.m. -- STS-122 Mission Overview.

1 p.m. -- STS-122 Spacewalk Overview

2 p.m. -- STS-122 Crew News Conference.

3 p.m. -- Crew Round-Robin Interviews

■ **Prostate Cancer Symposium** — The KSC Health Education and Wellness Program will host a prostate cancer symposium from 11 a.m. – noon on Nov. 7 in the Training Auditorium. Dr. Brian Rivers, with the Moffitt Cancer Center and executive director of the Florida Prostate Cancer Network, will speak on prostate cancer prevention, detection and treatment. In addition, Moffitt Cancer and Parrish Medical Centers will have tables and displays in the auditorium lobby with information on all types of cancer services before, during and after the symposium, from 10:30 a.m. to 12:30 p.m.

■ **World Space Expo Air Show Tickets/Car Passes Available for On-Center Employees** — Car Passes for

NASA to brief media Nov. 9 about STS-122 mission



badged employees are still available for Friday's free employee preview of the World Space Expo Aerial Salute. The car pass allows you and up to seven guests access to the NASA Causeway for the preview aerial salute from 1 to 4 p.m. on Friday. These passes are only good for the air show portion of the expo.

To request a car pass, please contact Layla Higgins at 867-7711. For more information on ticket sales, call 449-4444.

■ **NASA Science** — Do you love gazing at a starry night sky? Nothing you've ever seen on Earth could prepare you for the fantastic skies of some "orphan stars" just discovered by astronomers using NASA's Chandra X-ray Observatory. Read the full story at http://science.nasa.gov/headlines/y2007/17oct_orphanstars.htm?list947891.

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